

FORM 1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
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Sheet 1 of 4

ATTORNEY DOCKET NO.

3078/4/US 31104/USA
(6794-000094/COC)

SERIAL No.

10/016,146

APPLICANT

Cunningham, et al.

FILING DATE

December 10, 2001

GROUP

1614

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	PS	4,677,111	6/30/87	Haga, et al.	514/274	
2.	PS	5,256,812	10/26/93	Alig, et al.	560/035	
3.	PS	5,518,732	5/21/96	Nigam	424/427	
4.	PS	5,753,230	5/19/98	Brooks	424/158.1	
5.	PS	5,766,591	6/16/98	Brooks	424/184.1	
6.	PS	6,013,651	1/11/00	Rogers	514/269	

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
7.	PS	AU-A-79090/94	6/8/95	Australia			
8.		AU-A-57984/94	10/6/94	Australia			
9.	PS	2,059,857	7/25/92	Canada			
10.	PS	2,134,418	4/29/95	Canada			
11.	PS	EP 0 343 893 A1	11/29/89	EPO			
12.	PS	EP 0 343 894 A1	11/29/89	EPO			
13.	PS	EP 0 478 328 A1	4/1/92	EPO			
14.	PS	EP 0 478 363 A2	4/1/92	EPO			
15.		DE 43 38 944 A1	5/18/95	Germany			X
16.	PS	WO 95/32710	12/7/95	PCT			
17.	PS	WO 98/31359	7/23/98	PCT			
18.	PS	WO 95/28426	10/26/95	PCT			

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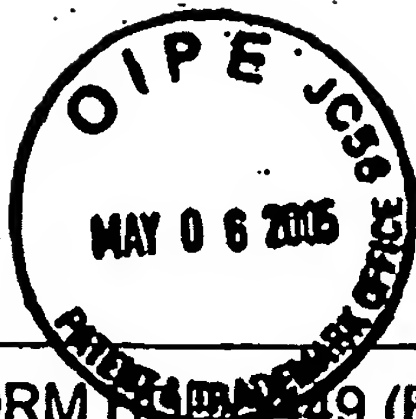
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						Yes	No
19.	PS	WO 95/14714	6/1/95	PCT			
20.	PS	WO 98/14192	4/9/98	PCT			
21.	PS	WO 93/08823	5/13/93	PCT			
22.	PS	WO 97/08145	3/6/97	PCT			
23.	PS	WO 96/00730	1/11/96	PCT			
24.	PS	WO 96/00574	1/11/96	PCT			
25.	PS	94/9017	11/14/94	South Africa			
26.	PS	94/2124	3/25/94	South Africa			
27.	PS	94/0435	1/21/94	South Africa			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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28.	PS	Adamis, et al., Increased Vascular Endothelial Growth Factor Levels in the Vitreous of Eyes with Proliferative Diabetic Retinopathy, American Journal of Ophthalmology, Vol. 118 (1994) 445-450 .
29.	PS	Brooks, et al., Integrin $\alpha_v\beta_3$ Antagonists Promote Tumor Regression by Inducing Apoptosis of Antigenic Blood Vessels, Cell, Vol. 79 (1994) 1157-1164.
30.	PS	Brooks, et al., Requirement for Vascular Integrin $\alpha_v\beta_3$ for Angiogenesis, Science, Vol. 264 (1994) 569-571.
31.	PS	Carter, et al., Chemotherapy of Cancer, Sec. Ed., John Wiley & Sons, NY, NY (1981) 107-108.
32.	PS	Choi, et al., Inhibition of Neointimal Hyperplasia by Blocking $\alpha_v\beta_3$ Integrin with a Small Peptide Antagonist GpenGRDSPCA, Journal of Vascular Surgery, Vol. 19 (1) 125-134.

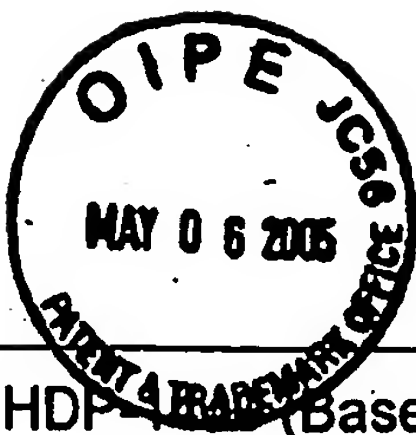
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FORM HDP-1 (Based on Form PTO-1449)

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Sheet 3 of 4

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
33.	PS	Clyman, et al., β_1 and β_3 Integrins Have Different Roles in the Adhesion and Migration of Vascular Smooth Muscle Cells on Extracellular Matrix, Experimental Cell Research, Vol. 200, (1992) 272-284.
34.	PS	Fields, Integrins: Cell Adhesion Molecules in Cancer, Exp. Opin. Ther. Patents, Vol. 8 (No. 6), (1998) 633-644.
35.	PS	Hong, et al., Discovery of HIV-1 Integrase Inhibitors by Pharmacophore Searching, J. Med. Chem., American Chemical Society, v. 40 (1997) 930-936.
36.	PS	Liaw, et al., The Adhesive and Migratory Effects of Osteopontin Are Mediated Via Distinct Cell Surface Integrins: Role of a $\alpha_v\beta_3$ in Smooth Muscle Migration to Osteopontin in Vitro, Journal of Clinical Investigation, Vol. 95 (1995) 713-724.
37.	PS	Derwent Abstract 1987-009150/198702.
38.	PS	Derwent Abstract 1987-065042/198710.
39.	PS	Derwent Abstract 1989-055466/198908.
40.	PS	Derwent Abstract 1989-349934/198948.
41.	PS	Derwent Abstract 1992-398070/199248.
42.	PS	Derwent Abstract 1993-060253/199308.
43.	PS	Derwent Abstract 1993-127579/199316.
44.	PS	Nicklaus, et al., HIV-1 Integrase Pharmacophore: Discovery of Inhibitors Through Three-Dimensional Database Searching, J. Med. Chem. v. 40 (1997) 920-929.
45.	PS	Peacock, et al., Angiogenesis Inhibition Suppresses Collagen Arthritis, Journal of Experimental Medicine, Vol. 175 (1992) 1135-1138.
46.	PS	Pommier, et al., HIV-1 Integrase as Target for Antiviral Drugs, Antiviral Chemistry & Chemotherapy, Vol. 8 (No. 6) (1997) 463-483.
47.	PS	Schnur, et al., N-(5-Fluorobenzothiazol-2-yl)-2-guanidinothiazone-4-carboxamide. A Novel, Systematically Active Antitumor Agent Effective Against 3LL Lewis Lung Carcinoma, Journal of Medicinal Chemistry, Vol. 34 (3) (1991) 914-918.

Examiner:

Philip Spivack

Date Considered:

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49.	DS	Seftor, et al., Role of the $\alpha_v\beta_3$ Integrin in Human Melanoma Cell Invasion, Proceedings of the National Academy of Sciences U.S.A., Vol. 89 (1992) 1557-1561 .
50.	DS	Smith, et al., Interactions of Integrins $\alpha_v\beta_3$ and GlycoProtein IIb-IIIa with Fibrinogen, Journal of Medicinal Chemistry, Vol. 265 (21) (1990) 12267-12271.
51.	DS	White, Integrins as Virus Receptors, Current Biology, Vol. 3 (9) (1993) 596-599 .
52.	DS	Yue, Osteopontin-Stimulated Vascular Smooth Muscle Cell Migration is Mediated by $\alpha_v\beta_3$ Integrin, Experimental Cell Research, Vol. 214 (1994) 459-464 .

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